

BARON, L.I., prof., doktor tekhn.nauk

Long established practice in the use of naphthenic soap in
wet boring at the Nikitovka mercury mine. Bor'ba s sil.

3:40-47 '59.

(MIRA 12:9)

(NIKITOVKA (STALINO PROVINCE)--MERCURY MINES AND MINING)

(WETTING AGENTS)

~~BARON, L.I.,~~ prof., doktor tekhn.nauk; SYSOYEVA, R.S., kand.tekhn.nauk

automatic hydraulic dust removal. Bor'ba s sil. 3:141-145
'59. (MIRA 12:9)

(DUST--REMOVAL)

BARON, L.I., prof., doktor tekhn.nauk; PAVLOVICH, G.A., starshiy nauchnyy
sotrudnik

Study of indications for a selection of tests under the gravimetric
method of determining the dust content of mine air. Bor'ba s sil.
3:164-171 '59.

(MINE DUSTS)

(MIRA 12:9)

25(2)

AUTHORS:

Baron, L. I., Kurbatov, V. M., Orlov, R. V. SOV/32-25-3-43/62

TITLE:

Pendulum Impact Testing Machine for the Determination of the Energy Capacity of Demolition (Mayatnikovyy koper dlya opredeleniya energoyemkosti razrusheniya)

PERIODICAL:

Zavodskaya Laboratoriya, 1959, Vol 25, Nr 3, pp 361-362 (USSR)

ABSTRACT:

In the case of sample demolitions especially of rocks, due to impacts, only part of the impact energy can be transformed into demolition energy. In order to determine this part of the energy, a special pendulum impact testing machine was designed (Fig 1). The device has a pendulum anvil to which the rock sample is attached, and a pendulum hammer. Both pendulums are freely suspended on thin steel wire and can revolve in ball bearings around a fixed axle. By means of this device the energy amount, which is absorbed by cylindrical samples in the demolition process, as a function of the height of these samples was investigated. A diagram of the values obtained by the testing of concrete samples with an impact energy of 6 kgm is given (Fig 2). In the demolition process the absorbed energy mounts in proportion with the height of the sample and gradually approaches a constant value.

Card 1/2

SOV/32-25-3-43/62

Pendulum Impact Testing Machine for the Determination of the Energy Capacity of Demolition

Investigations showed that the part of the energy which is absorbed at the demolition of the samples is approximately the same for various brittle materials, and is about 70% of the entire impact energy under the above mentioned conditions. There are 2 figures.

ASSOCIATION: Institut gornogo dela Akademii nauk SSSR
(Institute of Mining, Academy of Sciences, USSR)

Card 2/2

BARON, Lazar' Izrailevich; BRONNIKOV, D.M., kand.tekhn.nauk, otv.red.
PARTSEVSKIY, V.N., red.izd-va; GOLUB', S.P., tekhn.red.

[Lumpiness and methods of ore sizing] Kuskovatost' i metody
ee izmereniia. Moskva, Izd-vo Akad.nauk SSSR, 1960. 122 p.
(MIRA 13:5)

(Ore dressing)

BARON, Lazar' Izrailevich, prof., doktor tekhn.nauk, red.; DOKUCHAYEV, Mikhail Moiseyevich; VASIL'YEV, Georgiy Aleksandrovich; DORONICHEVA, Lyudmila Arkad'yevna; SLASTUNOV, V.G., gornyy inzh., retsenzent; ROMADINOV, A.I., gornyy inzh., retsenzent; YAKHONTOV, A.D., otv.red.; SIPIAGINA, Z.A., red.izd-va; KIROVENKOVA, Z.A., tekhn.red.

[Blasting operations in ore mining; a handbook] Vzryvnye raboty v gornorudnoi promyshlennosti; spravochnoe posobie. Pod red. L.I. Barona. Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po gornomu delu, 1960. 181 p. (Mining engineering) (MIRA 13:3)

NEDIN, Valentin Vasil'yevich; IBRAYEV, Shaymerdan Ibrayevich; DOKUCHAYEV, M.M., inzh.; BARON, L.I., doktor tekhn.nauk, otv.red.; GRISHAYENKO, M.I., red.izd-va; KONDRAT'YEVA, M.A., tekhn.red.

[Boring and blasting operations] Burovzryvnye raboty. Moskva, Gos. nauchno-tekhn.izd-vo lit-ry po gornomu delu, 1960. 356 p.

(MIRA 13:4)

(Boring)

(Blasting)

BARON, L.I., doktor tekhn.nauk, prof.; GLATMAN, L.B., gornyy inzhener;
SHLYAPIN, K.B., kand.tekhn.nauk

Evaluating the cutting resistance of rocks. Transp. stroi. 10
no. 12:42-45 D '60. (MIRA 13:12)
(Rocks)

BARON, Lazar' Izrailevich, prof., doktor tekhn. nauk; ROSSI, Boris Dominikovich; LEVCHIK, Stanislav Petrovich; IL'INSKAYA, G.M., tekhn. red,

[Shattering properties of explosives for mining] Drobiashchaia sposobnost' vzryvchatykh veshchestv dlia gornyykh rabot. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1960. 111 p. (MIRA 14:8)

(Explosives)

(Mining engineering)

MEL'NIKOV, N.V., red.; BARON, L.I., prof., doktor tekhn. nauk, red.;
MAKSIMOVA, Ye.P., otv. red.; IL'INSKAYA, G.M., tekhn. red.

[Simple explosives, "igdanity"] Vzryvchatye veshchestva prostai-
shago sostava (igdanity); sbornik statei i materialov. Pod red.
N.V.Mel'nikova i L.I.Barona. Moskva, Gos. nauchno-tekhn. izd-vo
lit-ry po gornomu delu, 1960. 238 p. (MIRA 14#8)

1. Akademiya nauk SSSR. Institut gornogo dela. 2. Chlen-korrespon-
dent AN SSSR (for Mel'nikov)

(Explosives)

BARON, L.I., doktor tekhn.nauk, prof.; LEVCHIK, S.P., gornyy inzh.

Photo-planimetric determination of the grain-size distribution
of a rock mass loaded into wagons. Vzryv. rab. no.4:57-67 '60.
(MIRA 15:1)

1. Institut gornogo dela AN SSSR.
(Particle size determination)

BARON, L.I., doktor tekhn.nauk, prof.; GRAUBITS, Zh.K., kand.tekhn.nauk
[deceased]

Lowering the yield of oversize by increasing the specific
expenditure of explosive for breaking down building stone
when quarrying it. Vzyv. rab. no.4:91-103 '60. (MIRA 15:1)

1. Institut gornogo dela AN SSSR.
(Blasting)
(Building stones)

BARON, L.I., prof., doktor tekhn.nauk

Scientific bases of laboratory tests of a mining engineering nature.

Trudy Inst. gor. dela 5:108-112 '60. (MIRA 14:5).

(Rocks—Testing) (Mining machinery—Testing)

BARON, L.I., prof., doktor tekhn.nauk; YERSHOV, N.N., gornyy inzh.

Outline of foreign language-Russian mining dictionaries. Nauch.
soob.Inst.gor.dela 6:129-137 '60. (MIRA 15:1)
(Mining engineering--Dictionaries)
(Russian language--Dictionaries)

BARON, L.I., prof.doktor tekhn.nauk; LEVCHIK, S.P., gornyy inzh.;
TERMETCHIKOV, M.K., gornyy inzh.

Investigating the shattering and propellant effect of explosives.
Vzryv.delo no.44/1:158-166 '60. (MIRA 13:7)
(Explosives--Blast effect)

BARON, L.I., prof., doktor tekhn.nauk; DEMIDYUK, G.P., kand.tekhn.nauk;
ADRIANOV, N.F., gornyy inzh.

Foreign experience in the improvement of blasting operations
based on the use of explosives of the simplest composition.
Vzryv. delo no.45:177-195 '60. (MIRA 14:1)
(Blasting)

BARON, L.I.; TERMETCHIKOV, M.K.

Comparative rating of the explosive effect of various explosives.
Izv.AN Kir SSR.Ser.est.1 tekhn.nauk 2 no.2:55-64 '60.

(MIRA 14:10)

(Explosives--Testing)

BARON, Lazar' Israilevich, prof., doktor tekhn. nauk; KUZNETSOV, Aleksandr Vasil'yevich; GEYMAN, L.M., red. izd-va; ASTAP'YEV, G.A., tekhn. red.

[Abrasive-ness of rocks in mining operations] Abrazivnost' gornykh porod pri dobyvanii. Moskva, Izd-vo Akad. nauk SSSR, 1961. 166 p. (MIRA 14:5)

1. Institut gornogo dela im. A.A.Skochinskogo Akademii nauk SSSR, Lyubertay, Moskovskoy oblasti (for Baron, Kuznetsov)
(Mining engineering) (Rocks--Testing)

BARON, L.I., prof., doktor tekhn. nauk, red.; SHEINGER, I.A., red. izd-va;
BOCHEVER, V.T., tekhn. red.

[Techniques of the development of Kola ore deposits] Voprosy
tekhnologii razrabotki rudnykh mestorozhdenii Kol'skogo po-
luostrova; sbornik statei pod red. L.I. Barona. Moskva, 1961.
154 p. (MIRA 14:5)

1. Akademiya nauk SSSR. Kol'skiy filial, Kirovsk. 2. Institut
gornogo dela Akademii nauk SSSR (for Baron)
(Kola Peninsula--Mining engineering)

BRANCO, L. I. (Positive); KALASHNIKOV, L. I. (Positive); RUBIN, L. I. (Positive)

Energy capacity of diamond drilling in rocks of various hardness.
Inv. AM 5000. (td. num. 1st. 1 top). no. 1-175-180 Jan 1957.

(: EN 14:2)

(Rock drill)

BARON, L.I., prof., doktor tekhn.nauk

Reworking ore deposits. Nauch.sob.Inst.gor.dela 7:29-44
161. (MIRA 15:1)
(Mining engineering)

BARON, L.I., prof., doktor tekhn.nauk; FUGZAN, M.D., kand.tekhn.nauk;
MARKENZON, E.I., gornyy inzh.; FEDYUKIN, A.D., gornyy tekhnik.

Blunting of bits in drilling with a perforator. Gor. zhur.
no.10:56-58 O '61. (MIRA 15:2)

(Boring machinery)

BARON, L.I., prof., doktor tekhn. nauk; LICHELI, G.P., inzh.

Study of the effect of jointing on the interaction of blasting
charges. Nauch. soob. IGD 11:103-109 '61. (MIRA 16:4)

(Blasting) (Joints(Geology))

BARON, L.I., prof., doktor tekhn.nauk; LICHELI, G.P., gornyy inzhener

Controlling piece size in breaking fractured rocks by means of
borehole charges. Vzryv. delo no.47/4:178-184 '61. (MIRA 15:2)

1. Institut gornogo dela imeni A.A.Skochinskogo AN SSSR.
(Blasting)

BARON, L.I., prof., doktor tekhn.nauk; ANDRIANOV, N.F., gornyy inzhener

Effect of the production of oversized rock in breaking limestones
by means of boreholes on the productivity of an excavator and the
effective weight of a dump car. Vzryv. delo no.47/4:218-222
'61. (MIRA 15:2)

1. Institut gornogo dela imeni A.A.Skochinskogo AN SSSR.
(Quarries and quarrying) (Excavating machinery)

BARON, L.I., doktor tekhn.nauk; GLATMAN, L.B., gornyy inzh.; KUZNETSOV,
A.V., gornyy inzh.

Determining the abrasive properties of rocks mined with cutters.
Ugol' Ukr. 5 no.4:22-23 Ap '61. (MIRA 14:4)

1. Institut gornogo dela AN SSSR.
(Abrasion) (Coal mining machinery--Testing)

BARON, L.I., prof., doktor tekhn.nauk; FUGZAN, M.D., kand.tekhn.nauk;
MARKENZON, E.I., inzh.

Influence of the diameter of a bore hole on the formation of dust
in rocks of various strength. Bezop. truda v prom. 5 no.8:18-20
Ag '61. (MIRA 14:8)

1. Institut gornogo dela im. A.A. Skochinskogo (for Baron, Fugzan).
 2. Kol'skiy filial im. S.M. Kirova AN SSSR (for Markenzon).
- (Mine dusts)

BARON, L.I., Center tomm.mak

Problems in the mechanical breakdown of rocks. Vest. AN SSSR 31
no. 2:114-116 F '61. (MIRA 14:2)
(Rocks)

BARON, Lazar' Izrailevich, prof., doktor tekhn. nauk; VESELOV,
Georgiy Mikhaylovich; KONYASHIN, Yuriy Gavrilovich;
GETMAN, L.M., red. izd-va; POLYAKOVA, T.V., tekhn. red.

[Experimental studies of the breaking of rocks by percus-
sion drilling] Eksperimental'nye issledovaniia protsessov razru-
sheniia gornykh porod udarom. Moskva, Izd-vo Akad. nauk SSSR,
1962. 217 p. (MIRA 15:5)
(Boring) (Rocks--Testing)

BARON, L.I., prof., doktor tekhn.nauk, otv. red.; GEYMAN, L.M., red.;
TIKHOMIROVA, S.G., tekhn. red.; MAKAGONOVA, I.A., tekhn. red.

[Rupture resistance of rocks during mining operations] Soprotiv-
liaemost' gornykh porod razrusheniiu pri dobyvanii. Moskva, Izd-
vo Akad.nauk SSSR, 1962. 230 p. (MIRA 15:7)

1. Akademiya nauk SSSR. Institut gornogo dela. 2. Institut gornogo
dela im. A.A.Skochinskogo (for Baron).
(Rocks--Testing) (Mining machinery)

BARON, Lazar' Izrailevich, prof., doktor tekhn. nauk; LOGUNTSOV, Boris Maksimovich; POZIN, Yevgeniy Zal'manovich; BUCHNEV, V.K., zasl. deyatel' nauki i tekhniki RSFSR, prof., doktor tekhn. nauk, retsenzent; ZELENIN, A.N., prof., doktor tekhn. nauk, retsenzent; GEYMAN, L.M., red. izd-va; PROZOROVSKAYA, V.L., tekhn. red.

[Determining properties of rocks; reference book] Opreделение svoistv gornykh porod; spravocnoe posobie. Pod red. L.I. Barona. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1962. 331 p. (MIRA 15:3)

(Rocks--Testing)

LEYBOV, B.M., inzh.; BARON, L.I., prof., doktor tekhn. nauk, red.

[Methodology of determining the resistance of coals to cutting from the results of mechanical tests of specimens of random shape] Metodika opredeleniia soprotivliaemosti uglei rezaniu po rezul'tatam mekhanicheskikh ispytanií obráztsov proizvol'noi formy. Moskva, Institut gornogo dela im. A.A.Skochinskogo, 1962. 27 p. (MIRA 16:4)
(Coal--Testing)

BARON, Lazar' Izrailevich; LOGUNTSOV, Boris Maksimovich; ARKHANGEL'SKIY,
A.S., otv. red.; LOMILINA, L.N., tekhn. red.

[Analysis of various ways of breaking rocks in connection with
designing mining cutter-loaders] Analiz razlichnykh sposobov
razrusheniia gornyykh porod primenitel'no k sozdaniyu porodo-
prokhodcheskikh kombainov. Moskva, TSentr. in-t tekhn. in-
formatsii ugol'noi promyshl., 1962. 53 p. (MIRA 16:4)
(Rocks—Testing) (Mining machinery)

BARON, Lazar' Izrailevich, prof., doktor tekhn. nauk; SYSOYEVA, Ruzanna Semenovna, kand. tekhn. nauk; KARAPETYAN, M.A., red.izd-va; GALSTYAN, V., tekhn. red.

[Automatic control of the wet removal of dust in crushing plants] Avtomatizatsiia gidroobespylivaniia drobil'nykh tsekhov. Erevan, Armgosizdat, 1962. 116 p.

(MIRA 16:7)

1. Zaveduyushchiy pyleventilyatsionnoy laboratoriyey Nauchno-issledovatel'skogo gornometallurgicheskogo instituta (for Sysoyeva).

(Dust--Removal) (Ore dressing) (Automatic control)

BARON, L.I.

Indicator of the specific consumption of explosives as the
criterion of breakage by blasting. Fiz.-mekh.svois.,dav.i
razr.gor.porod no.1:243-252 '62. (MIRA 16:3)
(Blasting)

BARON, L.I.; CHEREPANOV, G.S.

Cost analysis of secondary crushing of various sizes of oversize
rocks by blasting. Fiz.-mekh.svois.,dav.i razr.gor.porod no.1:
253-259 '62. (MIRA 16:3)
(Blasting) (Coal mines and mining--Cost)

BARON, L.I., prof., doktor tekhn.nauk; GLATMAN, L.B., kand.tekhn.nauk;
SHLYAPIN K.B., kand.tekh.nauk

Intensity of dust formation in cutting rocks. Bor'ba s sil. 5:
111-115 '62. (MIRA 16:5)

1. Institut gornogo dela imeni A.A.Skochinskogo (for Baron, Glatman).
2. Tsentral'nyy nauchno-issledovatel'skiy institut transportnogo
stroitel'stva Ministerstva transportnogo stroitel'stva
(for Shlyapin).

(Mine dusts)

BARON, L.I., prof., doktor tekhn.nauk; FUGZAN, M.D., kand.tekhn.nauk;
MARKENZON, E.I.

Study of dust formation during rock drilling. Bor'ba s sil. 5:
156-170 '62. (MIRA 16'5)

1. Institut gornogo dela imeni A.A.Skochinskogo (for Baron, Fugzan).
2. Kol'skiy filial AN SSSR imeni S.N.Kirova (for Markenzon).
(Boring) (Mine dusts)

BARON, L.I., prof., doktor tekhn.nauk; LICHELI, G.P., gornyy inzh.;
NIKITCHENKO, R.F., inzh.

Study of the action of a blast in a fractured medium. Gor.
zhur. no.9:43-46 S '62. (MIRA 15:9)

1. Institut gornogo dela im.Skochenskogo, Moskva.
(Blasting--Models)

BARON, L.I., prof., doktor tekhn.nauk; KONYASHIN, Yu.G., kand.tekhn.nauk

Estimating the resistance of rocks to milling. Nauch. soob. IGD
16:186-195 '62. (MIRA 16:8)
(Rocka--Testing) (Ore dressing)

BARON, L.I., prof., doktor tekhn.nauk

Averaging coefficients of hardness determined from the results of
experiments on crushing specimens with regular and irregular shapes.
Nauch. soob. IGD 17:121-129 '62. (MIRA 16:7)
(Rocks--Testing)

USKOV, A.A.; BARON, L.I.; ZYUN'ZYA, O.A.

Innovations in the development and application of measures for
dust control of mine air; results of two contests. Ugol' 37
no.6:51-56 Je '62. (MIRA 15:7)

(Mine dusts)

(Coal mining machinery--Technological innovations)

BARON, L.I., prof., doktor tekhn.nauk; LEVCHIK, S.P., gornyy inzhener

Criteria of the shattering action of blasting. Vzryv. delo
no.50/7:7-16 '62. (MIRA 15:9)

1. Institut gornogo dela imeni A.A. Skochinskogo.
(Explosives)
(Rock-Testing)

BARON, L.L., prof., dokl. na seminar; MICHELI, G.P., glavny inzhener

Study of the shattering capacity of explosives in blasting fractured media. Vzryv. delo no.50/7:83-98 162. (MIRA 15:9)

1. Institut gornogo dela imeni A.A. Ukochinskogo (for Baron).
2. Institut gornogo dela imeni G.A. TSulukidze AN Gruzinskiy SSSR (for Micheli).

(Explosives--Testing)

BARON, L.I., prof., doktor tekhn.nauk; ADRIANOV, N.F., gornyy inzhener

Study of some **regularities** of secondary blasting in open pits.
Vzryv. delo no.50/7:162-175 '62. (MIRA 15:9)

1. Institut gornogo dela imeni A.A. Skochinskogo.
(Blasting)
(Rocks—Testing)

BARON, L.I., prof., doktor tekhn.nauk; IVANOV, V.S., gornyy inzhener

Laboratory studies of the breaking of a medium in detonating
charges having different diameters. Vzyryv. delo no.50/7:63-70
'62. (MIRA 15:9)

1. Institut gornogo dela imeni A.A. Skochinskogo.
(Blasting--Models)

BARON, L.I., prof., doktor tekhn.nauk, otv. red.; REYKHERT, L.A.,
red.izd-va; ZENDEL', R.Ye., tekhn. red.

[Problems in the technology of mining ore deposits in the
Kola Peninsula] Voprosy tekhnologii razrabotki rudnykh
mestorozhdenii Kol'skogo poluostrova. Moskva, Izd-vo
AN SSSR, 1963. 191 p. (MIRA 16:10)

1. Akademiya nauk SSSR. Kol'skiy filial. Kirovsk.
(Kola Peninsula-Mining engineering)

BARON, Lazar' Izrailevich, prof., doktor tekhn. nauk; KONYASHIN, Yuriy Gavrilovich; KURBATOV, Vladimir Mikhaylovich; KOSTAN'YAN, A.Ya., red.izd-vn; MAKOGONOVA, I.A., tekhn. red.

[Crushability of rocks] Drobimost' gornyx porod. Moskva, Izd-vo Akad. nauk SSSR, 1963. 165 p. (MIRA 16:7)

1. Zaveduyushchiy otdelom razrusheniya gornyx porod Instituta gornogo dela im. A.A.Skochinskogo (for Baron).
(Rocks--Testing)

BARON, Lazar' Izrailevich, doktor tekhn. nauk, prof.; YERCHOV,
Nikolay Nikolayevich, kand. tekhn. nauk; BASHKIROV, I.A.,
spets. red.; RAZHKO, K.M., red.-leksikograf; PLAKSHE,
L.Yu., tekhn. red.

[French-Russian mining dictionary] Frantsuzsko-russkii
gornyi slovar'. Pod red. L.I. Barona. Moskva, Fizmatgiz,
1963. 829 p. (MIRA 16:7)

(French language--Dictionaries--Russian)

(Mining engineering--Dictionaries)

BARON, L.I. (Moskva); MUKHAMEDIYEV, P.A. (Moskva)

Phenomenon of the "work hardening" of rocks. Izv. AN SSSR. Otd. tekhn.
nauk. Met. i gor. delo no.1:201-203 Ja-F '63. (MIRA 16:3)
(Rocks--Testing)

BARON, L.I., prof., doktor tekhn. nauk; GLATMAN, L.B., kand. tekhn. nauk

Specific weight of the product of friction in cutting rocks.

Nauch. soob. IGD 20:100-106 '63.

(MIRA 16:10)

(Friction)

(Mining machinery—Testing)

BARON, L.I., prof., doktor tekhn. nauk; SIROTYUK, G.N., gornyy inzh.

Estimation of the resistance of rocks to being broken by dynamic loads. Vzryv. delo no.53/10:6-16 '63. (MIRA 16:8)

1. Institut gornogo dela im. A.A. Skochinskogo (for Baron).
2. Kol'skiy filial AN SSSR im. S.M. Kirova (for Sirotyuk).
(Rocks—Testing) (Blasting)

BARON, L.I., prof., doktor tekhn. nauk; LEVCHIK, S.P., kand. tekhn. nauk

Making efficient tests for estimating the crushing capacity of
explosives. Vzryv. delo no.53/10:43-46 '63. (MIRA 16:8)

1. Institut gornogo dela im. A.A. Skochinskogo.
(Explosives--Testing)

BARON, L.I., prof., doktor tekhn. nauk; ADRIANOV, N.F., gornyy inzh.

Study of the efficiency of crushing rocks in using "igdanit"
for blasting in pits. Vzyv. delo no.53/10:194-202 '63.
(MIRA 16:8)

1. Institut gornogo dela im A.A. Skochinskogo.
(Explosives--Testing)

ROZINOYER, B.L., gornyy inzh.; BARON, L.I., prof., doktor tekhn. nauk

Analysis of the crushing of ore in multirow blasting in the
subterranean conditions of the S.M. Kirov apatite mine.

Vzryv. delo no.53/10:217-221 '63.

(MIRA 16:8)

1. Nauchno-issledovatel'skaya laboratoriya kombinata "Apatit"
(for Rozinoyer). 2. Institut gornogo dela im. A.A. Skochinskogo
(for Baron).

(Kola Peninsula---Blasting)

BARON, L.I., prof., doktor tekhn. nauk; BABAYANTS, G.M., gornyy' inzh.

Analysis of the practice of miners in the Kursk Magnetic Anomaly
in increasing the extracted finished fraction size, Vzryv.
delo no.53/10:226-239 '63. (MIRA 16:8)

1. Institut gornogo dela im. A.A. Skochinskogo (for Baron).
2. Nauchno-issledovatel'skiy institut Kurskoy magnitnoy
anomalii (for Babayants).
(Kursk Magnetic Anomaly—Crushing machinery)

BARON, L.I., doktor, tekhn.nauk; ZAGORSKIY, S.L., kand.tekhn.nauk; LOGUNTSOV, B.M.,
kand.tekhn.nauk

Breaking rocks with freely rotating wedge-shaped rollers. Shakht. stroi.
7 no.1:8-12 Ja '63. (MI¹⁴A 16:2)

1. Institut gornogo dela imeni A.A.Skochinskogo.
(Mining machinery--Testing)

1990, 1.1.; GARDNER, 1.2.; GARDNER, 1.3.

Measuring pin meter. Inv. tech. no. 10147 4; 195.

1954 1957

BARON, L.I., prof., doktor tekhn. nauk

Seminar on the use of electronic computers for establishing efficient parameters and conditions for the operation of coal mining machinery. Ugol'39 no.6:71-72 ~~Ja~~64 (MIRA 17:7)

1. Institut gornogo dela imeni A.A. Skochinskogo.

BARON, L.I., prof., doktor tekhn. nauk; GLAZUNOV, L.B., kand. tekhn. nauk

Effect of parameters of the cutting regime on the intensity of
dust formation. Bor'ba s sil. 6:130-135 '64 (MIRA 16:2)

1. Institut gemogo dela im. A.A. Shchukinskogo.

BARON, L.I., prof., doktor tekhn.nauk; RODIONOV, N.S., kand.tekhn.nauk;
PUSTOVALOV, A.I.,; BEKTYBAYEV, A.D., gornyy inzh.

Determination of engineering characteristics of ores and rocks
at the 22nd Congress of the C.P.S.U. Mine. Gor.zhur. no.4:39-41
Ap '64. (MIRA 17:4)

1. Institut gornogo dela imeni A.A.Skochinskogo (for Baron, Rodionov).
2. Glavnyy inzhener rudnika imeni XXII s"yezda Kommunisticheskoy partii Sovetskogo Soyuza (for Pustovalov).
3. Altayskiy gornometallurgicheskiy nauchno-issledovatel'skiy institut AN Kazakhskoy SSR, Ust'-Kamenogorsk (for Bektybayev).

BARON, L.I., prof., doktor tekhn.nauk; SHABEL'NIKOV, V.P. [deceased]

Analysis of the efficiency of measures for improving the
technology of mining thick ore deposits. Nauch. soob. IGD 22:
84-108 '63. (MIRA 17:5)

BARON, L.I., prof., doktor tekhn. nauk; VORONYUK, A.S., kand. tekhn. nauk

Problems of extracting large-sized ore in underground mining.
Nauch. soob. IGD 15:15-32 '62. (MIRA 17:2)

BARON, L.I.; BOBLIKOV, V.S.

Effect of temperature on rock resistivity to mechanical breaking.
Fiz. mekh. svois., dav. i razr. gor. porod. no.2:3-10 '63.(MIRA 17:1)

BARON, L.I.; GLATMAN, L.B.

Calculating the wear resistance of cutting tools by the abrasion
indices of rocks. Fiz. mekh. svois., dav. i razr. gor. porod. no.
2:55-65 '63.

(MIRA 17:1)

BARON, L.I., prof., doktor tekhn. nauk; KURBATOV, V.M., inzh.

More on compression diagrams of hard rocks. Nauch. soob.
IGD 18:114-120 '63. (MIRA 16:11)

BARON, Lazar' Israilevich, prof., doktor tekhn. nauk; FUGZAN, Mark Davidovich; MARKENZON, Eduard Iosifovich; KRASIKOV, V.M., red.izd-va; VINOGRADOVA, N.F., tekhn. red.

[Experience in the comprehensive study of the resistance of rocks to distruction by quarrying] Opyt kompleksnogo issledovaniia soprotivliaemosti gorn'nykh porod razrusheniiu pri dobyvanii. Moskva, Izd-vo AN SSSR, 1963. 223 p.
(MIRA 17:3)

PAPO, M. A.

35450. Anatomico-fiziologicheskkiye dannyye o plere. Vsb: Voprosy grudnoy
khi vrgia. T. sh. M., 19.9, s. 32-35.

Ietapis' Zhurnal'nykh Statey, vol. 48, Moskva, 1949

BARON, M.A., Prof., Corresponding Member of the Academy of Medical Sciences
- USSR,

"A detailed Discussion on the Significance of the Fluid of the Channels of
the subarachnoid area during hemorrhage into subarachnoid Spaces,"
Paper presented at 11th Session of AMS USSR on Trauma, April 1957.

SO: Sum. 1644

BARON, M.A., prof. LYASS, F.M.; MAYOROVA, N.A. (Moskva)

"Dew" phenomenon on the surface of the brain and its relation to cerebrospinal fluid outflow in canals of the pia mater [with summary in English, p.63]. Vop.neirokhir. 23 no.1:3-11 '59. (MIRA 12:3)

1. Iz Nauchno-issledovatel'skogo ordena Trudovogo Krasnogo Znameni instituta neyrokhirurgii imeni akademika N.N. Burdenko AMN SSSR.

2. Chlen korrespondent AMN SSSR (for Baron)

(BRAIN,

drops of CSF on brain surface after epileptic seizures,

relation to CSF outflow in pia mater canals (Rus))

(EPILEPSY, pathol.

same)

(CEREBROSPINAL FLUID,

same)

L 27829-65

ACCESSION NR: AP5007133

S/0241/64/000/008/0060/0070

AUTHOR: Baron, M. A. (Head of laboratory of experimental neurohistology,
Corresponding Member of AMN SSSR, Professor); Lyass, P. M.; Mayorova, N. A.

7
2
8

TITLE: Experimental study of the emission of radioactive colloidal Au¹⁹⁸,
Na₂HP³²O₄, Na²²Cl, and NaI¹³¹ through the arachnoidal membrane

SOURCE: Meditsinskaya radiologiya, v. 9, no. 8, 1964, 60-70

TQFIC TAGS: nervous system, gold, sodium, isotope, radiology

Abstract: By means of a new method of impressions (applications) taken from the surface of the exposed brain, study of the elimination of radioactive substances introduced into the fluid from the subarachnoidal space through the arachnoidal membrane into the subdural space was made possible. This method makes possible the precise characterization of the amount and location of the eliminates of the compounds tested through the arachnoidal membrane. Study of the elimination of the substances can be carried out dynamically with minute-by-minute sampling of the fluid from the subdural

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L 27829-65

ACCESSION NR: AP5007133

space. Experiments conducted by the impression method revealed the agreement of three indexes of the elimination of substances through the arachnoidal membrane: a) the intensity of visually distinguished color of the impressions by a dye introduced along with the isotope into the humor; b) the number of pulses per minute emitted by each impression, determined on a counting device; c) the extent of darkening on radioautographs of the impressions. It was established that colloidal Au^{198} is eliminated through sections of the arachnoidal membrane located above canals, distinguished by high permeability. Passing through these is the efflux and the humor itself. Au^{198} does not permeate through the neighboring sections of the arachnoidal membrane covering the cells. Elimination of crystalloid compounds -- $\text{Na}_2\text{HP}^{32}\text{O}_4$, Na^{24}Cl , and NaI^{131} -- is also carried out through the sections over the canals. However, due to the considerable diffusive capacity of these compounds, some of them are eliminated evidently also through the sections of the arachnoidal membrane covering cells. The curve of impression activity characterizing elimination of compounds through the arachnoidal membrane has a similar configuration in experiments with different isotopes. As a rule, elimination of all the isotopes tested began in 1-2 minutes after they were introduced into the cisterna magna, as soon as they had reached the channels of the cerebral

Card 2/4

L 27829-65

ACCESSION NR: AP5007133

hemispheric surface. In a few minutes more the intensity of isotope elimination reached a maximum. Then a more or less steep drop in elimination occurred, followed by the isotope elimination becoming even and lasting till the end of the observation (2 hours). The fact that not only $\text{Na}_2\text{HP}^{32}\text{O}_4$, Na^{24}Cl , and NaI^{131} , but also colloidal Au^{198} passes readily through the arachnoidal membrane confirms the extremely high permeability of the biological membranes for different compounds. Since

colloidal Au^{198} does not pass through the hemato-encephalic barrier, it must be assumed that the permeability of the arachnoidal membrane exceeds the permeability of the endothelium of bloodbearing cerebral capillaries. It is logical to assume that like $\text{Na}_2\text{HP}^{32}\text{O}_4$, and Na^{24}Cl , other endogenic compounds of the fluid are also eliminated through the arachnoidal membrane. Orig. art. has 6 figs. and 3 graphs.

ASSOCIATION: Laboratoriya eksperimentalnoy neyroiologii Instituta neyrokhirurgii im. N. N. Burdenko AMN SSSR (Laboratory of Experimental Neurohistology, Institute of Neurosurgery, AMN SSSR)

Card 3/4

1ST AND 2ND COPIES										PROCESSES AND PROPERTIES INDEX										1ST AND 2ND COPIES									
BARON, M. S. CA Surface tensimetry as an assay method for pharmaceuticals: Acetate assays by surface tensimetry. M. A. Elinger and M. S. Baron. <i>Pharmazie</i> 10, No. 2, 31-5 (1947).—At a concn. of 100 g./l. the surface tensions in dynes/cm. of some aq. acetate solns. were: HOAc 54.86, NaOAc 61.91, KOAc 69.98, Pb(OAc)₂ 61.21. At 10 g./l. the differences are much smaller. Acceptably accurate acetate assays can be made by acidifying with H₂SO₄ and measuring surface tension. The method is also applicable to basic A; acetate and to Burow's soln. The low surface tension of Burow's soln. is attributed to the presence of free HOAc. Julian F. Smith 17																													
ADD-51-A METALLURGICAL LITERATURE CLASSIFICATION																													
RECORD #1										RECORD #2										RECORD #3									
RECORD #1										RECORD #2										RECORD #3									

EFINGER, M.A.; BARON, M.S.

Study of aqueous solutions of antipyrine, pyramidone, and analgine
from their surface tensions. Ukr.khim.zhur.17 no.5:781-785 '51.

(MLRA 9:9)

1.Kiyevskiy institut usevershenstvovaniya provizorev.
(SURFACE TENSION) (CHEMISTRY, MEDICAL AND PHARMACEUTICAL)

ETINGER, M.A.; BARON, M.S.

Determination of surface tension as a method for investigating pharmaceutical preparations. Determination of calcium lactate and ferrous lactate. Ukrain. Khim. Zhur. 17, 918-24 '51. (MLRA 6:4)
(CA 47 no.22:12756 '53)

1. Inst. for Profess. Advancement Pharmacists, Kiev.

BARACK, M. S.

USSR/Chemistry - Pharmaceuticals, Anti- Jul/Aug 52
tuberculosis Drugs

"Quantitative Determination of p-Aminosalicylic Acid With a Hydrochloric Acid Solution of Iodine Chloride," A.I. Gengrinovich, M.S. Baron, Chair of Phar Chem, Kiev Inst of Advanced Tng for Chief Pharmacists; Chair of Technol of Drug Forms and of Galenicals, Tashkent Phar Inst

"Aptechnoye Delo" No 4, pp 27-30

Investigated reaction of Na salt of p-aminosalicylic acid with an HCl soln of ICI and demonstrated that the di-iodo deriv is formed. On the basis of this reaction, developed methods of direct and indirect titration of PAS with ICI.

221T12

BAKON, M.S.

UD

[illegible]

200

184

BARON, M.S., kand. med. nauk; DIVINSKAYA, S.L. (Kiyev)

A case of cysticercosis of the brain. Vrach. delo no.4:417-419
Ap '59 (MIRA 12:7)

1. Kiyevskaya psikhonevrologicheskaya bol'nitsa im. akad. Pavlova
(nauchnyy rukovoditel' raboty - prof. Ya.P. Frumkin).
(BRAIN--DISEASES) (TAPEWORMS)

BARON, M.S.; GURFINKEL', I.I.

Quantitative determination of dibazole in a mixture with papaverine hydrochloride and diuretin. Apt. delo 10 no.3:32-34 My-Je '61.

(MIRA 14:7)

1. Kontrol'no-analiticheskaya laboratoriya Kiyevskoy oblasti.
(BENZIMIDAZOLE)

BARON, M.S.; SADE, Ye.G.

Reinspection of medicinal substances for the expired time of their usefulness. Apt. delo 11 no.1:59-60 Ja-F '62. (MIRA 15:4)

1. Kiyevskaya oblastnaya kontrol'no-analiticheskaya laboratoriya.
(DRUGS--PRESERVATION)

BARON, M.S.

Quantitative determination of bromisoval and carbromal by the
method of surface tension measurement. Apt. delo 13 no.1:
72-75 Ja-F '64. (MIRA 17:4)

1. Kontrol'no-analiticheskaya laboratoriya Kiyevskogo
oblastnogo otdela zdoraveokhraneniya.

FORMER. RDP. 4.1 ; Also. 1.1 ; 5000. 110.

These problems are being organized in a series of analytic control
rooms. At 1. date 13.11.50. 11.11.50. 11.11.50.

(MHA 17:12)

1. Control room. 11.11.50. 11.11.50. 11.11.50. 11.11.50. 11.11.50.

BARON, N. B.

USSR/ Chemistry - Books

Card 1/1 Pub. 147 - 35/35

Authors : Filatov, I. G.

Title : Bibliography. Reference book on physico-chemical values

Periodical : Zhur. fiz. khim. 30/1, 237-238, Jan 1956

Abstract : A critical review is given on a new reference book physico-chemical values composed by N. B. Baron; E. I. Kvyat; Ye. A. Podgornaya; A. M. Ponomareva; A. A. Ravdel' and Z. N. Timofeyeva and published by the GOSKHIMIZDAT in Leningrad in 1955. It is stated that the book contains a chart of Mendeleyev's periodical system of elements, list of important constants (mass, electron charge, mass of protons, neutrons and alpha particles, gas constant, Avogadro, Planck, Boltzmann constants, etc.) and other thermodynamic values.

Institution :

Submitted :

BARON, M. M.

M. M. Baron and K. P. Mishchenko, The study of the composition and elasticity of vapor over solutions of sodium bromide in a binary solvent (methyl alcohol-water). p. 2667

The composition and partial elasticity of the vapor over solutions $\text{CH}_3\text{OH} - \text{H}_2\text{O}$ and $\text{NaBr} - \text{CH}_3\text{OH} - \text{H}_2\text{O}$ were measured at changes of concentration of the salt from zero to saturation and the composition of the solvent from 0 to 100 percent at temperatures 25 and 40°. The solubility of NaBr in $\text{CH}_3\text{OH} - \text{H}_2\text{O}$ at 25 and 40° is measured. The activities and relative activities of water and alcohol are calculated. The results are discussed from the view point of changes in the ratio between the components of the solvent near the ion.

Lab. of Physical Chemistry of the
Leningrad Technological Institute
Holder of the Red Labor Banner
December 22, 1947

SC: Journal General Chemistry (USSR) 22, (90) No. 12, (1948)

BARON, N.M.; KVIAT, E.I.; PODGORNAYA, Ye.A.; PONOMAREVA, A.M.; RAVDEL', A. A.
TROFIMOVA, Z.N.; MISHCHENKO, K.P., redaktor; LEVIN, S.S., tekhnicheskii redaktor; FOMKINA, T.A., tekhnicheskii redaktor.

[Concise reference book of values in physics and chemistry] Kratkii spravochnik fiziko-khimicheskikh velichin. Sost. N.M. Baron, i dr. Leningrad, Gos.nauchno-tekhn. izd-vo khimicheskoi lit-ry, 1955. 86 p. (Chemistry--Tables, etc.) (Physics--Tables, etc.) (MLRA 8:8)

BARON, N.M.

VOL'FKOVICH, S.I., akademik, redaktor; ZHAVORONKOV, N.M., redaktor;
POSPKLOV, I.A., st. nauchnyy sotrudnik, redaktor; *BARON, N.M.*,
redaktor; SMIRNOVA, A.V., tekhnicheskiy redaktor ~~_____~~

[Methods and processes of chemical technology] Metody i protsessy
khimicheskoi tekhnologii. Moskva, Izd-vo Akademii nauk SSSR. No.1
1955. 234 p. (MIRA 8:7)

1. Akademiya nauk SSSR. Otdeleniye khimicheskikh nauk. 2. Chlen-
korrespondent AN SSSR (for Zhavoronkov).
(Chemistry, Technical)

BARON, N.M.; KVIAT, E.I.; PODGORNAYA, Ye.A.; PONOMAREVA, A.M.; RAYDEL', A.A.;
TIMOFEEVA, Z.N.; MISHCHENKO, K.P., redaktor; LOBINA, N.K., redaktor;
LEVIN, S.S., tekhnicheskii redaktor; POMKINA, T.A., tekhnicheskii
redaktor

[Concise manual of physical and chemical measures] Kratkii spravochnik
fiziko-khimicheskikh velichin. Pod red. K.P.Mishchenko i A.A.Raydelia.
Izd. 2-oe, dop. Leningrad, Gos.nauchno-tekhn.izd-vo khim.lit-ry,
1957. 111 p. (MLRA 10:9)

(Weights and measures--Tables, etc.)

5(4)

PHASE I BOOK EXPLOITATION

SOV/1428

Baron, N.M., Ye. D. Volova, I.M. Yegorov, E.I. Kvyat, K.P. Mishchenko, A.M. Ponomareva,
A.A. Ravdel', and G.I. Semenov

Prakticheskiye raboty po fizicheskoy khimii (Practical Work in Physical Chemistry)
Leningrad, Goskhimizdat, 1957. 263 p. 11,000 copies printed.

Eds. (Title page): K.P. Mishchenko, Professor, and A.A. Ravdel', Docent;
Ed. (Inside book): N.K. Lobina; Tech. Ed.: Ye. Ya. Erlikh.

PURPOSE: This textbook was approved by the Ministry of Higher Education as a manual
for students of vuzes specializing in chemistry.

COVERAGE: The text covers the theoretical and practical aspects of experimental
physical chemistry. It is the aim of the authors to aid the student in his
laboratory work by preceding each experiment with a theoretical introduction,
a description of the apparatus, and the order of the determination and compu-
tation of results. Much attention is given to the fundamentals of chemical
thermodynamics, reaction kinetics, and equilibrium. The basic techniques of

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Practical Work in Physical Chemistry

SOV/1428

experimentation and the treatment of experimental data are presented so as to enable the student to work independently. The text was prepared jointly by the staff of the Department of Physical Chemistry, Leningradskiy tekhnologicheskii institut imeni Lensovet (Leningrad Technological Institute imeni Lensovet) with K. P. Mishchenko and A.A. Ravdel' as editors, and N. M. Baron and A.M. Ponomareva as coeditors. The book was reviewed by Professors V.A. Kiryev, B.P. Nikol'skiy, corresponding member of the AS USSR, and by the staff of Professor Nikol'skiy. There are no references.

TABLE OF CONTENTS:

Preface

7

INTRODUCTION

Ch. I. Treatment of the Results of Measurements

9

1. Estimate of error in measurement

9

Estimate of the accuracy of instrument readings

10

Determination of the absolute and relative errors in the direct measurement of any given value

11

Selection of the necessary accuracy of measurement

11

Card 2/14

- Baron, N.M.

USSR/Physical Chemistry - Thermodynamics, Thermochemistry, Equilibria,
Physical-Chemical Analysis, Phase Transitions.

B-8

Abs Jour: Referat. Zhurnal Khimiya, No 2, 1958, 3829.

Author : N.M. Baron.

Inst : Leningrad Institute of Technology, Leningrad.

Title : Apparent Molar Volumes of NaBr in System $\text{CH}_3\text{OH} - \text{H}_2\text{O}$.

Orig Pub: Tr. Leningr. tehnol. in-ta im. Leningr. univ., 1957, vyp. 37,
10-18.

Abstract: The density of solutions $\text{CH}_3\text{OH} - \text{H}_2\text{O}$ and $\text{CH}_3\text{OH} - \text{H}_2\text{O} - \text{NaBr}$ were measured at 25° in the salt molar concentration range from 0.1 to 1.0 and in the range of the alcohol concentration in the solvent from 0 to 99.5% by weight. The apparent molar volumes ($\bar{V}$) of the salt were computed. The curves of the dependence of $\bar{V}$ on the solvent composition and the salt concentration in the solution were plotted. A trial was made to compute the apparent molar volumes of alcohol and water in 3-component

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USSR/Physical Chemistry - Thermodynamics, Thermochemistry, Equilibria,
Physical-Chemical Analysis, Phase Transitions.

B-3

Abs Jour: Referat. Zhurnal Khimiya, No 2, 1958, 3829.

solutions. The results of the study were attributed to the
changes in the composition of solvate envelopes of ions.

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-70-

Baron, N. M.

USSR/Physical Chemistry - Thermodynamics, Thermochemistry, Equilibria,
Physical-Chemical Analysis, Phase Transitions.

B-8

Abs Jour: Referat. Zhurnal Khimiya, No 2, 1958, 3828.

Author : N.M. Baron.

Inst : Leningrad Institute of Technology, Leningrad.

Title : Dependence of Apparent Molar Volume of Some Salts on Concentration and Temperature.

Orig Pub: Tr. Leningr. tekhnol. in-ta im. Leningr. 1957, vyp. 37, 19-28.

Abstract: The apparent molar volumes ($\bar{V}_\nu$) of LiCl, LiBr, LiI, NaCl and RbCl in water at various temperatures and concentrations were computed. The computation was carried out by the equation $\bar{V}_\nu = (V - V_0) / m$, where V is the solution volume in cub.cm containing m moles of the salt and 1000 g of H_2O , and V_0 is the volume of 1000 g of H_2O . The dependence curves of $\bar{V}_\nu$ on $\sqrt{m}$ were plotted. The obtained results are discussed from the points of

Card : 1/2

-67-

BARON, N. M.

PHASE 1 BOOK EXPLOITATION

SOV/3557

Kratkiy spravochnik fiziko-khimicheskikh velichin (Short Handbook of Physical and Chemical Values) 3rd ed., enl. Leningrad, Goskhimizdat, 1959. 122 p. 50,000 copies printed.

Compilers: N. M. Baron, E. I. Kvyat, Ye. A. Podgornaya, A. M. Ponomareva, A. A. Ravdel', and Z. N. Timofeyeva; Ed. (Title page): K. P. Mishchenko and A. A. Ravdel'; Ed. (Inside book): N. K. Lobina; Tech. Eds.: S. S. Levin and T. A. Fonkina.

PURPOSE: This book is intended for students at schools of higher education and tekhnikums, aspirants, and teachers.

COVERAGE: This handbook contains tables on the most important physical and chemical values used in physical chemistry laboratory work and for various calculations in physics and chemistry. In this third edition of the handbook important changes have been included in the tables for radioactivity and nuclear reaction, thermodynamic values, empirical data and ratios for calculating thermodynamic values, and photochemical reactions. The remaining tables have been revised and slightly enlarged. The tables for radioactivity, nuclear

Card 1/12

Short Handbook of Physical (Cont.)

SOV/3557

reaction, and protection from radioactive radiation were revised and enlarged under the direction of I. A. Vasil'yev and the editorship of K. A. Petrzhak. The handbook contains a four-place logarithm scale. There are 82 references: 51 Soviet, 28 English, 3 German.

TABLE OF CONTENTS:

Foreword to the Third Edition	3
D. I. Mendeleev's periodic table of chemical elements	4
1. Important constants	6
2. Relationship between different units of energy	7
3. Elementary particles	8
4. Radioactive series	10

Card 2/12

D(4)
AUTHOR: Baron, N. M. SOV/78-4-1-42/48

TITLE: On the Electric Conductivity of NaCl at Low Temperatures
(Ob elektroprovodnosti NaCl pri nizkikh temperaturakh)

PERIODICAL: Zhurnal neorganicheskoy khimii, 1959, Vol 4, Nr 1,
pp 234-235 (USSR)

ABSTRACT: The specific conductivity of NaCl solutions was investigated at 25, -8 and -17°. Sodium chloride solutions show no maximum electric conductivity at 18°. A maximum of electric conductivity may be seen at -8° with a composition of 24.4 wt % NaCl (9.08 mol.%). The electric conductivity of sodium chloride at a low temperature confirms the rules found by M. A. Klochko (Ref 1). V. V. Verkholtantsev participated in the investigation under review. There are 2 figures, 1 table, and 7 references, 3 of which are Soviet.

ASSOCIATION: Leningradskiy tekhnologicheskii institut im. Lensovet
(Leningrad Technological Institute imeni Lensovet)

Card 1/2

BARON, N.M.; BARANOVA, T.A.; MATVEYEVA, R.P.

Density of sodium aluminate solutions at temperatures from
25 to 90°. Zhur. prikl. khim. 38 no.1:185-188 Ja '65.

(MIRA 18:3)

1. Leningradskiy tekhnologicheskii institut imeni Lensoвета.

MISHCHENKO, K.P.; PONOMAREVA, A.M.; RAVDEL', A.A.; BARON, N.M.;
YEGOROV, I.M.; KVIAT, E.I.; VOLOVA, Ye.D.; MARKOVICH, V.G.;
SEMENOV, G.I.; MARGOLIS, V.N., SMORODINA, T.P.; YAVORSKIY,
I.V. Prinimal uchastiye FRANK-KAMENETSKIY, V.A.; TOMARCHENKO,
S.L., red.; LEVIN, S.S., tekhn. red.

[Practical work in physical chemistry] Prakticheskie raboty po
fizicheskoi khimii. Izd.2., perer. Leningrad, Gos. nauchno-
tekhn. izd-vo khim. lit-ry, 1961. 374 p. (MIRA 15:2)
(Chemistry, Physical and theoretical--Laboratory manuals)